

METEOROLOGICAL OBSERVATIONS FOR JAN. 1848.

*Chiswick.*—January 1. Foggy: hazy: sleet-showers. 2. Very fine. 3. Densely overcast: cloudy and mild. 4. Exceedingly fine: clear. 5. Overcast: rain: clear. 6. Slight frost: clear: fine. 7. Slight frosty haze: heavy rain: clear. 8. Hazy. 9. Frosty: overcast. 10. Overcast: dusky clouds and cold. 11. Uniformly overcast, with dusky haze. 12. Overcast: slight rain. 13. Clouds tinged with red: overcast: rain. 14. Hazy: drizzly. 15. Cloudy: exceedingly fine, with bright sun: frosty. 16. Sharp frost: very fine: clear and frosty. 17. Rain. 18. Fine. 19. Cold easterly haze. 20—22. Densely overcast. 23. Slight snow. 24. Low fleeting clouds from N.E. 25. Cold dry easterly wind: densely overcast. 26. Dusky haze: clear and frosty. 27. Frosty. 28. Snowing: clear and frosty: snow in the evening. 29. Foggy: fine: clear. 30. Overcast: rain. 31. Densely and uniformly overcast: sleet.

Mean temperature of the month .....	33°·62
Mean temperature of Jan. 1847 .....	34 ·26
Mean temperature of Jan. for the last twenty years .....	36 ·51
Average amount of rain in Jan. ....	1·59 inch.

*Boston.*—Jan. 1. Cloudy: rain early A.M. 2. Cloudy: rain A.M. and P.M. 3. Cloudy. 4. Fine. 5. Cloudy. 6. Fine. 7. Cloudy: snow A.M. 8. Cloudy: snow on the ground. 9. Fine: snow on the ground. 10, 11. Cloudy: snow on the ground. 12. Fine. 13, 14. Cloudy. 15. Fine: rain early A.M. 16, 17. Fine. 18. Fine: rain early A.M. 19, 20. Fine. 21. Cloudy: snow early A.M. 22, 23. Cloudy. 24—27. Fine. 28. Cloudy. 29. Cloudy: snow A.M. and P.M. 30. Cloudy: snow and rain P.M. 31. Fine: rain P.M.

*Applegarth Manse, Dumfries-shire.*—Jan. 1. Frost: cloudy P.M. 2. Thaw and rain. 3. Thaw and rain: snow gone. 4. Rain A.M.: cleared: rain P.M. 5. Heavy rain all night: flood. 6. Frost: cloudy P.M. 7. Frost, slight: sprinkling of snow. 8. Frost, slight: drizzle P.M. 9. Frost, slight: harder P.M. 10. Frost, rather hard: snow. 11. Frost: fog all day. 12. Thaw: soft wind: snow gone. 13. Remarkably fine: frost P.M. 14. Air moist: rain P.M. 15. No frost: showers and wind P.M. 16. Showery early A.M.: cleared. 17. Frost, severe: slight snow. 18. Frost: clear: keen. 19. Frost: clear and fine. 20. Frost, severe: clear. 21. Frost: cloudy: threatening change. 22. Frost: no change: clear. 23. Frost: beautiful winter day. 24. Frost, keen: clear and fine. 25. Frost: threatening change. 26, 27. Frost: severe weather. 28. Frost: snow inch deep. 29. Frost A.M.: rain P.M. 30. Frost: heavy snow five inches deep. 31. Frost: clear.

Mean temperature of the month .....	33°·8
Mean temperature of Jan. 1847 .....	35 ·9
Mean temperature of Jan. for twenty-five years .....	34 ·9
Rain in Jan. for twenty years .....	2·60 inches.

*Sandwick Manse, Orkney.*—Jan. 1. Cloudy: clear. 2. Showers: rain. 3. Cloudy. 4. Clear: cloudy. 5. Cloudy: rain: cloudy. 6. Clear: cloudy. 7. Cloudy: rain: cloudy. 8. Showers: cloudy. 9. Bright: frost: cloudy. 10. Rain. 11. Bright: rain. 12. Damp: drizzle. 13. Drizzle. 14. Drizzle: showers. 15. Sleet-showers: clear. 16. Bright: showers. 17. Bright: frost: cloudy: frost. 18. Bright: frost: clear: frost. 19. Bright: frost: cloudy: frost. 20. Clear: frost. 21. Bright: frost: cloudy: frost. 22. Cloudy. 23. Snow: clear: aurora. 24. Bright: clear: aurora. 25. Clear: aurora. 26. Bright: frost: clear: aurora. 27. Bright: clear. 28. Cloudy: frost: snow-drift: aurora. 29. Clear: frost: thaw. 30. Bright: frost: clear: aurora. 31. Bright: frost: clear: frost.